Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims:

1-6. Canceled.

7. (Currently Amended) An automatic analyzer provided with an analysis means to analyze ~~for analyzing~~ the physical properties of a specimen where said specimen and a reagent poured into a reaction vessel are to be analyzed, _____said automatic analyzer comprising:

~~a reaction vessel which contains an analysis item including the specimen and a reagent;~~

an acoustic wave generation means installed outside said reaction vessel to irradiate an ~~for irradiating~~ acoustic waves toward said reaction vessel, and

a control means to control~~for controlling~~ a position for irradiation of the acoustic waves by said acoustic wave generating means according to a liquid level of said specimen and reagent ~~and physical properties of the components of the specimen to be analyzed~~.

8. (Previously Presented) An automatic analyzer according to claim 7, wherein a plurality of analysis items exist and further comprising a storage means for storing the acoustic wave irradiation position in an associated format for each analysis item,

wherein said control means refers to stored data in said storage means to determine the irradiation position in conformance to each analysis item.

9. (Previously Presented) An automatic analyzer according to claim 7, wherein a plurality of analysis items exist and further comprising a storage means for storing an amount of specimen and reagent required for each analysis item in an associated format,

wherein said control means refers to stored data in said storage means to calculate the liquid level of the specimen and reagent inside the reaction vessel in conformance to each analysis item to be analyzed, and to determine the irradiation position according to the calculated liquid level.

10. (Previously Presented) An automatic analyzer according to claim 7, further comprising a receiving means to receive the command on the position for irradiation of acoustic waves by said acoustic wave generating means,

wherein said control means determines the irradiation position according to the command received by said receiving means.

11. (Currently Amended) An automatic analyzer provided with an analysis means to analyze ~~for analyzing~~ the physical properties of a specimen where said specimen and a reagent poured into a reaction vessel are to be analyzed,

_____said automatic analyzer comprising:

~~a reaction vessel which contains an analysis item including the specimen and a reagent;~~

an acoustic wave generation means installed outside said reaction vessel to irradiate an ~~for irradiating~~ acoustic waves toward said reaction vessel, and

a control means to control ~~for controlling~~ an angle for irradiation of the acoustic waves by said acoustic wave generating means according to a liquid level of said specimen and reagent ~~and physical properties of the objects to be analyzed~~.

12. (Previously Presented) An automatic analyzer according to claim 7, wherein a plurality of analysis items exist and further comprising a storage means for storing the acoustic wave irradiation intensity in an associated format for each analysis item,

wherein said control means refers to stored data in said storage means to determine the irradiation intensity in conformance to each analysis item.

13. (Previously Presented) An automatic analyzer according to claim 7, wherein a plurality of reagents exist, each having corresponding reagent information, the automatic analyzer further comprising a storage means for storing the acoustic wave irradiation intensity in an associated format for each reagent information,

wherein said control means refers to stored data in said storage means to determine the irradiation intensity in conformance to the reagent to be analyzed.

14. (Previously Presented) An automatic analyzer according to claim 7, further comprising a reading means for reading the information on acoustic wave irradiation intensity recorded in a reagent bottle containing the reagent before it is poured into said reaction vessel,

wherein said control means refers to the reading of said reading means to determine irradiation intensity in conformance to the reagent.

15. (Previously Presented) An automatic analyzer according to claim 7, further comprising a receiving means for receiving the command on the intensity for irradiation of acoustic waves by said acoustic wave generating means,

wherein said control means determines the irradiation intensity according to the command received by said receiving means.

16. (Currently Amended) An automatic analyzer provided with an analysis means to analyze ~~for analyzing~~ the physical properties of a specimen where said specimen and a reagent poured into a reaction vessel are to be analyzed,

said automatic analyzer comprising:

~~a reaction vessel which contains an analysis item including the specimen and a reagent;~~

an acoustic wave generation means installed outside said reaction vessel to irradiate an ~~for irradiating~~ acoustic waves toward said reaction vessel, and

a control means to control ~~for controlling~~ at least one of a position, an angle and an intensity for irradiation of the acoustic waves by said acoustic wave generating means according to a liquid level of said specimen and reagent ~~and physical properties of the components of the specimen to be analyzed~~.